

Work Order ID 50847

July 31, 2009 8:34:55 AM

Page 1

Item ID: D205-634-041

Accept

Setup Start

Revision ID: D

Stop

Item Name: Replacement Skidtube

Start Date: 08/20/2009 Start Qty: 1.00

Cust Item ID:

Required Date: 09/04/2009 Req'd Qty: 1.00

Customer:

Reference:

Approvals: Process Plan: *mf*Date: *09-08-04* Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D2580

Rev D

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy D205-634 bluefile & type labels per PPP D205-634-041 CHG002

NA

110

0.00



BENDING MACHINE - SKIDTUBES

CNC Bend I

Memo

0.00

CNC Delta 100 Bender

1-Bend as per program D2580.C on CNC Bender and Folio FT009

2-Cut tubes as per Dwg. D2580

) H 9-8-7

Work Order ID 50847

July 31, 2009 8:34:55 AM

Page 2

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Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120

0.00

Skidtubes

Memo

0.00

Skidtubes

1- Deburr ends

2- C'sink holes as per dwg without cutting fluid

3- Prepare tube for welding, remove alodine as required.

4- Scribe batch number insied aft end of tube.

130

QC5- Inspect part completeness to step on W/O

0.00

QC

Memo

0.00

Quality Control

1 Ø - ARM9-S-10

=> 8/5/09/16

②

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Work Order ID 50847

July 31, 2009 8:34:55 AM

Page 3

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Reference:

Approvals: Process Plan: Date: Tooling: Date:

QC: Date: SPC (Y/N): Date:

Run Start
Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

140

0.00



Skidtubes

Skidtubes

Memo

0.00

1-Weld step D2576 as per Dwg. D2580 and QSI 004
A/R Aluminum Rod

2-Prep per QSI 005 and weld crossbolt spacers D2579 as per Dwg. D2580, QSI 004.

For D2579 spacers, weld one side, pass 3/8" drill, weld other side, pass 3/8" drill
A/R Aluminum Rod

3-Grind welds as per Dwg D2580 Grind flush ridge made from bending

4-Drill holes for wearplates using DT 8217 & DT8937 Open holes to 19/64",
adjust stopper not to hit web. Debur5-Counterbore crossbolt spacers to 7/16" ID x 1.0" deep as per Dwg D2580.
Debur holes

6-Drill pilot holes for aft cap using DT 8215 Open holes to 0.208". Debur

7-Drill pilot holes for Tow ring using DT8091, open to .640" and Debur

m110295 BE 09/08/11

m110295 BE 09/08/11

3 BE 09/08/12

Work Order ID 50847

July 31, 2009 8:34:55 AM



Page 4

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Cust Item ID:

Required Date: 09/04/2009 Req'd Qty: 1.00

Customer:

Reference:

Run Start



Approvals: Process Plan: Date: Tooling: Date:

Stop



QC: Date: SPC (Y/N): Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw. Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	-----------------	--------------	--------------	---------------	---------------	------------------	----------------

150

QC10- Inspect visual per QSI004- ground welds

0.00



QC

Memo

0.00

Quality Control

160

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

170

Pressure Wash per QSI005 4.3

0.00



HandFinish

Memo

0.00

Hand Finishing

2) 08/08/12

2) 08/08/12

2) 08/08/12

0

0

0

0

0

0

Work Order ID 50847

July 31, 2009 8:34:55 AM



Page 5

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Item Name: Replacement Skidtube

Start Date: 08/20/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 09/04/2009 Req'd Qty: 1.00

Customer:

Reference:

Run Start



Approvals: Process Plan:

Date:

Tooling:

Date:

Stop



QC:

Date:

SPC (Y/N):

Date:

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

180

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00



Powdercoat

Memo

M112260

0.00

Powder Coating

START TIME: 11:30 AM
OVEN TEMPERATURE: 320°F
FINISH TIME: 12:00 PM

N 09/08/17 (X) (X)

190

QC3- Inspect Part Finish

0.00



QC

Memo

0.00

Quality Control

⇒ S 09/08/16

(X) (X)

Work Order ID 50847

July 31, 2009 8:34:55 AM



Page 6

Item ID: D205-634-041

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Setup Start



Revision ID: D

Stop



Item Name: Replacement Skidtube

Start Date: 08/20/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 09/04/2009 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

200

0.00



HandFinish

Memo

0.00

Hand Finishing

1-Install inserts & wearplates & Gaskets as per Dwg. D2580. Use a drop of

Sikaflex on insert holes before installing wearplates.

A/R ☐ ☐ ☐ Sikaflex-291 ☐ M112391

Sikaflex expire date: 10/20

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as
per Dwg D2580

MD 09/08/20

3-Inspect for foreign object per QSI 024

4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with

Sikaflex. Clean excess adhesive

A/R ☐ ☐ ☐ Sikaflex-291 ☐ M112391

Sikaflex expire date: 10/20

5-Wing Walk as per Dwg D2580 and QSI 005 4.4

Batch: 112106

Work Order ID 50847

July 31, 2009 8:34:55 AM



Page 7

Item ID: D205-634-041
Revision ID: D
Item Name: Replacement Skidtube

Accept



Setup Start



Stop



Start Date: 08/20/2009 Start Qty: 1.00
Required Date: 09/04/2009 Req'd Qty: 1.00



Cust Item ID:
Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

210	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control	Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for Foreign objects per QSI 024								

QC

QC

220	Packaging	0.00							
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPPD205-634-041 Location: _____ PPP Rev: _____								

09/17/09

230	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

09/09/02

09-9-2

Picklist Print

July 31, 2009 8:34:54 AM

Page 1

Work Order ID: 50847



Parent Item: D205-634-041RevD



Parent Item Name: Replacement Skidtube

Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2580-1RevD		Manufactured	No			110	Each	7.0000	1.0000			
205 Skidtube bent detail												

① 119-8-7
B 50757

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

7

48616

1

50760

6

D2576-3RevG

Manufactured No

140

Each

165.0000

1.0000



Step (maching detail)

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

165

43504

62

46661

103

1 BE 09/08/11

Picklist Print

July 31, 2009 8:34:54 AM

Work Order ID: 50847



Parent Item: D205-634-041RevD



Parent Item Name: Replacement Skidtube

Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2579RevE		Manufactured	No			140	Each	412.0000	20.0000			
Crossbolt Spacer												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	412	
43988	4	
46434	4	
46956	12	
47797	338	
48272	54	

20 BE 09/08/11

D2855RevA

Manufactured No

200

Each

66.0000

1.0000



Cap

Warehouse Loc Qty Loc Code

Location

Main Warehouse

FP6	52	
50513	52	

XI MD 09/08/20

Main Warehouse

ST	14	
10360	2	
35663	7	
41340	1	
42343	3	
42806	2	
50513	-1	

Picklist Print

July 31, 2009 8:34:54 AM

Work Order ID: 50847



Parent Item: D205-634-041RevD



Parent Item Name: Replacement Skidtube



Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3-5A  Bolt		Purchased	No			200	Each	2,560.000	2.0000			
												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

2560

100188

246

105057

2246

15205

68

X2 MD 09/08/20

AN960JD10L

Purchased

No

200

Each

6,911.000 2.0000



Washer

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

6911

101291

16

104885

153

105793

236

109632

1506

110985

5000

X2 MD 09/08/20

Picklist Print

July 31, 2009 8:34:54 AM

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Parent Item: D205-634-041RevD



Parent Item Name: Replacement Skidtube


Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
ALS7-1032-130		Purchased	No			200	Each	3,706.000	50.0000			
												
Insert												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

110511

3706

105855

16

108606

52

111529

1638

111779

2000

~~x50~~ mp 09/08/20

AN3C4A

Purchased

No

200

Each

2,071.000

50.0000



BOLT

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

2071

112082

121

112314

1950

~~x50~~ mp 09/08/20

Picklist Print

July 31, 2009 8:34:54 AM

Work Order ID: 50847



Parent Item: D205-634-041RevD



Parent Item Name: Replacement Skidtube

Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN960C10L		Purchased	No			200	Each	4,591.000	50.0000			
-----------	--	-----------	----	--	--	-----	------	-----------	---------	--	--	--



washer

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

OFFSHORE

FG

100

103585

100

Main Warehouse

ST

4491

112116

4491

D3566-13RevC

Manufactured No

200

Each

47.0000

1.0000



Gasket

Warehouse	Loc Qty	Loc Code
-----------	---------	----------

Location

Main Warehouse

ST

47

45717

1

46889

5

47435

7

48166

18

50265

16

X50 MD 09/08/20

~~ST 218~~

~~X1 MD 09/08/20~~

X1 MD 09/08/20

Picklist Print

July 31, 2009 8:34:54 AM

Page 6

Work Order ID: 50847

Parent Item: D205-634-041RevD

Parent Item Name: Replacement Skidtube



Comments:

Start Date: 08/20/2009

Required Date: 09/04/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3566-5RevC		Manufactured	No			200	Each	22.0000	1.0000			
												
Gasket												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

22

36113

1

46186

1

47318

1

48167

19

XL mp 09/08/20

D3566-1RevC

Manufactured No

200

Each

34.0000

2.0000



Gasket

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

34

46349

1

47434

2

48165

8

48557

11

50278

12

AD mp 09/08/20

July 31, 2009 8:34:54 AM

Shop Packet Print

Page 6

Picklist Print

July 31, 2009 8:34:54 AM

Work Order ID: 50847



Parent Item: D205-634-041RevD



Parent Item Name: Replacement Skidtube

Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3564-11RevD		Manufactured	No			200	Each	30.0000	1.0000			
Wearshoe												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	30	
45823	1	
47432	7	
48553	12	
50112	10	

XI MD 09/08/20

D3564-13RevD Manufactured No



Wearshoe

200 Each 55.0000 1.0000



<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
FP17	35	
48554	13	
50270	22	
Main Warehouse		
ST	20	
45409	3	
46495	10	
47867	7	

XI MD 09/08/20

Picklist Print

Page 8

July 31, 2009 8:34:54 AM

Work Order ID: 50847

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Parent Item Name: Replacement Skidtube

Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

D3564-9RevD

Manufactured

No

200

Each

17.0000

1.0000

Wearshoe

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

17

44659

1

45825

1

47316

4

48556

11

D3564-5RevD

Manufactured

No

200

Each

22.0000

1.0000

Wearshoe

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

2

34806

2

Main Warehouse

FP19

12

48555

12

Main Warehouse

ST

8

45824

1

47433

1

48164

6

XL MP 09/08/20

XL MP 09/08/20

July 31, 2009 8:34:54 AM

Shop Packet Print

Page 8

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July 31, 2009 8:34:54 AM

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Parent Item Name: Replacement Skidtube

Start Date: 08/20/2009

Required Date: 09/04/2009

Comments:

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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2594-3RevC		Manufactured	No			200	Each	894.0000	16.0000			
O-Ring, 205 Skidtube												

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 894

27168 44

29908 850

D2594-1RevC Manufactured No 200 Each 700.0000 16.0000



Plug, 205 Skidtube

Warehouse Loc Qty Loc Code
Location

Main Warehouse

ST 700

42221 16

42807 92

43884 87

46435 3

47251 502

X16 MRD 09/08/20

X16 MRD 09/08/20

DART

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2580	REV# D SHEET 1 OF 3
DATE 07.02.27		TITLE 205 SKIDTUBE ASSEMBLY	SCALE NTS
A	96.09.16	NEW ISSUE	
B	96.12.02	AS MANUFACTURED	
C	98.08.26	REDRAWN, INCLUDED DEO 9094/9097	
D	07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183	

RELEASED
07-06-28 *[Signature]*

QTY -041	QTY -045	Part Number	Description
X		D2580-041	SKIDTUBE ASSEMBLY
	X	D2580-045	SKIDTUBE ASSEMBLY
1	1	D2500-1-190	EXTRUSION
1	1	D2576-3	STEP
20	24	D2579	CROSS BOLT SPACER
16	16	D2594-1	PLUG
16	16	D2594-3	O-RING
1	1	D2596	205 WEB
1	1	D2855	AFT CAP
1	1	D3564-5	WEARSHOE
1	1	D3564-9	WEARSHOE
1	1	D3564-11	WEARSHOE
1	1	D3564-13	WEARSHOE
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	1	D3566-13	GASKET
50	50	ALS7-1032-130 or AKS7-1032-130 or AKS4-1032-130 or AELS-1032-130	INSERT
50	50	AN3C4A	BOLT
2	2	AN3-5A	BOLT
50	50	AN960C10L	WASHER
2	2	AN960JD10L	WASHER

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291.
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:
SEE NOTES ON
PAGE 2 FOR D2580-041 AND
PAGE 3 FOR D2580-045
- 8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

Handwritten:
#50847
W/F
09-08-04**Copyright © 1996 by DART AEROSPACE LTD**

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

LT202

Diagram illustrating the grinding and finishing steps for a propeller cross-section:

- GRIND FLUSH (4 PLACES)
- GRIND FLUSH
- D2576-3 STEP
- GRIND FLUSH
- LOCATION RIDGE ON UNDERSIDE OF D2576
- $\frac{1}{16}$

RELEASED
07-06-28-11

Diagram illustrating the rear view of the engine cover assembly. The diagram shows the location of the D2855 cap and the AN3-5A bolt. The cap is secured with a washer and a bolt. The diagram also indicates the location of the seal with SIKAFLEX-241/-291. The dimensions shown are 0.208 for the cap thickness and 0.40 for the bolt length.

Labels and dimensions:

- DRILL PRIOR TO D2855 CAP INSTALLATION (2 PLACES)
- SEAL WITH SIKAFLEX-241/-291
- AN3-5A BOLT (1)
- AN960/D10L WASHER (1)
- (2 PLACES)
- D2855 CAP
- 0.208
- 0.40

D2579 SPACER

D2596 WEB (REF)

ALST-1032-130 (REF)
(TYP 50 PLACES)

AFTER PERFO

1. CHA
2. INS
3. WEL
4. C'B

1. CHAMFER HOLE 0.050 X 45°

i) FINISH: ACID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2596 WEB POWDER COAT ASSEMBLY GLOSS WHITE (REF. 4.3.5.1) PER DART QSI 005 4.3 BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4

[illegible]

D3560-V41 ASSEMBLY DETAIL

WELD AS PER DETAIL B

BLACK ANTI-SKID TO 0.5 ABOVE LOCATION RIDGE

BLACK ANTI-SKID TOP OF STEP TO 0.5 ABOVE BOTTOM EDGE

0.5 1.5 1.5 D P P P P P P P

REFER TO DETAIL C

D3566-1 D3566-5 D3566-1 D3566-13

D3564-11 D3564-5 D3564-9 D3564-13

AN3C4A BOLT (1)
AN960C10L WASHER (1)
(50 PLACES)

DESIGN	11	DRAWN BY	
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DART AEROSPACE LTD.

SCALE

1:24

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

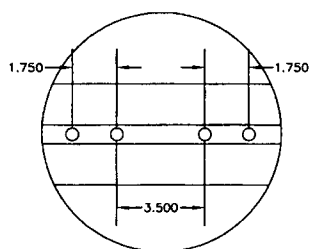
Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

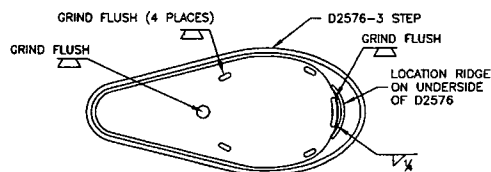
NOTE: Date & initial all entries

DETAIL E
SCALE 5:24



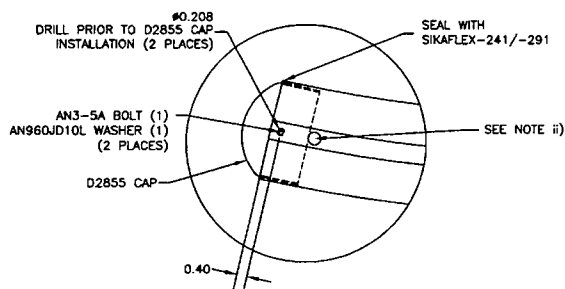
L2805

DETAIL F
SCALE 5:24

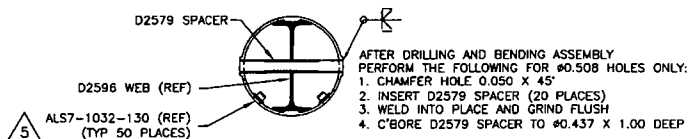


RELEASED
07.02.27

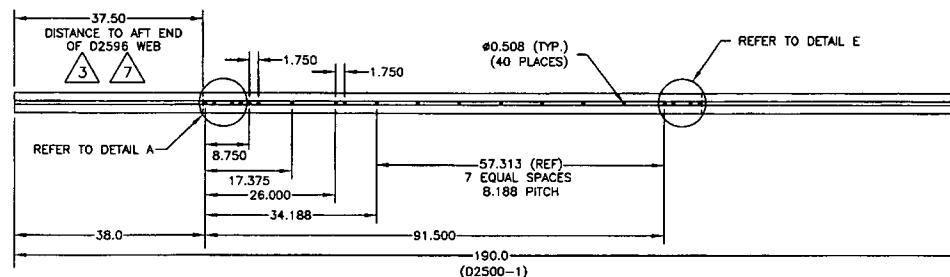
DETAIL G
SCALE 5:24



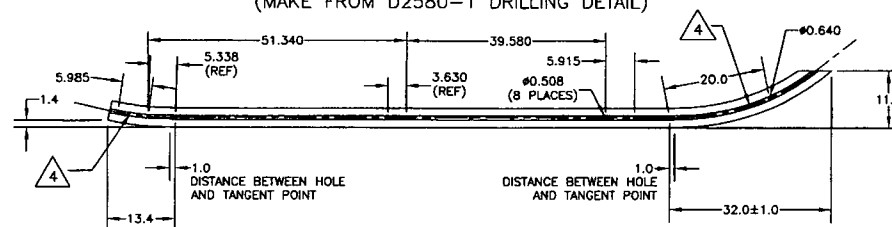
SECTION H-H
SCALE 5:24



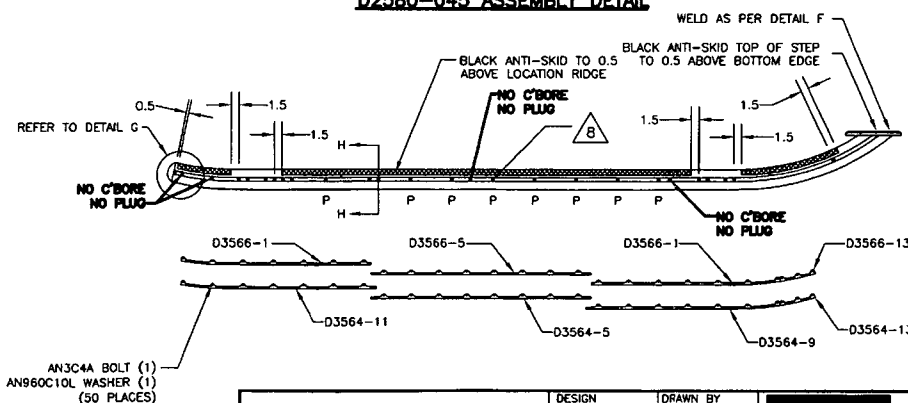
D2580-1 DRILLING DETAIL



D2580-5 BENDING AND CUTTING DETAIL
(MAKE FROM D2580-1 DRILLING DETAIL)



D2580-045 ASSEMBLY DETAIL



D2580-045 NOTES

- i) FINISH: ACID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2596 WEB
POWDER COAT ENTIRE ASSEMBLY GREEN (REF. 4.3.5.8) PER DART QSI 005 4.3
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4
- ii) IT IS ACCEPTABLE TO GRIND A RELIEF IN THE D2855 AFT CAP TO PREVENT INTERFERENCE WITH THE SPACER AT THIS LOCATION

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DESIGN	DRAWN BY	DART	DART AEROSPACE LTD.
CHECKED <i>RH</i>	APPROVED <i>RH</i>	DRAWING NO. D2580	REV. 0
DATE 07.02.27	TITLE 205 SKIDTUBE ASSEMBLY	SCALE 1:24	SHEET 3 OF 3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

NO. 205

AWS D17.1.2001
QUALIFICATION TEST RECORD

Name: Barclay Elliott
Job number: D205 634 041 50835
Part number: D205 634 041
Description: 205 skid tube
Welding Process: Tig[☒] Mig[]
Base material: Aluminium
Current: AC[☒] DC[]

TEST REQUIREMENTS AND RESULTS

Visual: pass[☒] fail[]
Penetration: pass[☒] fail[]

UNACCEPTABLE

Cracks: pass[☒] fail[]
Undercut: pass[☒] fail[]
Pin holes: pass[☒] fail[]
Overlap (cold lap): pass[☒] fail[]
Porosity (surface): pass[☒] fail[]
Coloration: pass[☒] fail[]

Qualifier [Signature] Date of Test Coupon 09.07.30

Welder [Signature] Date of Test Coupon 09/07/30

The above named individual is qualified in accordance with AWS D17.1.2001 to weld